

Begin

#602

TARABA, P.

To

KEMPA, Rudolf; TARABA, Pavol

Determination of nickel and cobalt in the air, in ore and geological material by analysis of solutions. Prac. lek. 16. n., 7:341-323 S '64.

I. Ustav hygieny prace a chorob z povolania v Bratislave (redaktor prof. dr. M. Nosál).

TARABAN, A.S.; KOSOVSKIY, Yu.Yu.; HESPALA, A.U.; SHOIKHET, A.S.

Therapeutic effectiveness of certain antibiotics in whooping cough
and measles. Pediatrilia no.4;47-49 JI-Ag '54. (MLR 7:10)

1. Iz kafedry infektsionnykh bolezney Chernovitskogo meditsinskogo
instituta (dir. dotsent N.B. Man'kovskiy)
(WHOOPING COUGH, therapy,
antibiotics)
(MEASLES, therapy,
antibiotics)
(ANTIBIOTICS, therapeutic use,
measles & whooping cough)

TARABAN, A.S.; TSITRITSKIY, Ye.R.; SHIMKERMAN, N.M.

Unusual case of severe balantidiasis. Med. paraz. i paraz. bol. no.4:
324-326 O-D '54.
(MLRA 8:2)

1. Iz kafedry infektsionnykh bolezney, fakul'tetskoy khirurgii i
patologicheskoy anatomii Chernovitskogo meditsinskogo instituta
(dir. instituta dotsent N.B.Man'kovskiy)
(BALANTIDIASIS,
unusual case)

THREE HUNDRED FIFTY-FIVE

U S S R .

✓ Determination of blood volume with the aid of glucose.
A. S. Tarabkin (Med. Inst., Kiev). *Terap. Arkh.* 26, No.
5-6, p.1021.—According to T. his method has certain
advantages over the usual dye method. Following the
dose of blood sugar 40 cc. of a 10% glucose soln. is in-
jected and blood is drawn after a brief interval. The
length of this interval depends upon the velocity of the blood
circulation and should be double that ant. The v.b. is
calcd. according to the following formula: $4/(B-A)$ where
4 is the smt. of injected glucose, B the blood sugar before
and A the value after injection of glucose soln. A. M.

TARABAN, A.S.

Pathogenesis of typhoid intoxication in dogs in various age periods.
Biul. eksp. biol. i med. 41 no.1:38-42 Ja. '56. (MLR/ 9:5)

1. Iz laboratorii vozrastnoy fiziologii i patologii (zav.-prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.N. Chernigovskiy)
Predstavлено академиком А.Д. Сперанским.

(TYPHOID, exper.

in various age groups in dogs, pathogen. of intoxication)

TARABAN, A.S.; KOSOVSKIY, Yu.Yu.

Nature of sporadic cases of recurrent typhus exanthematosus.
Zhur.mikrobiol.epid. i imun. 28 no.3:104-105 Mr '57. (MLRA 10:6)

1. Iz Chernovitskogo meditsinskogo instituta.
(TYPHUS, epidemiology,
sporadic cases of recur. typhus exanthematosus in
Russia (Rus))

TARABAN, A.S.

On the nature of phasic aspects of cardiac function changes in typhoid intoxication in various stages of development. Biul.eksp.biol.i med.
48 no.9:57-63 S '59. (MIRA 13:1)

1. Iz laboratorii vozrastnoy fiziologii i patologii (zaveduyushchiy - prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii (direktor - deystvitel'nyy chlen AMN SSSR V.N. Chernigovskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chленом AMN SSSR V.N. Chernigovskim.

(TOXINS AND ANTITOXINS)
(SALMONELLA TYPHOA)
(HEART physiol.)
(AGING eff.)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754910001-3

TARABAN, Saveliy Gavrilovich; MIRONOV, P.M., red.

[Labor safety during the servicing of gas installations]
Okhrana truda pri obsluzhivanii gazovykh ustyanovok. Mo-
skva, Metallurgizdat, 1963. 95 p. 'MIRA 17:6)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754910001-3"

STARITSKIY, Valentin Ivanovich, inzh.; TARABAN, Saveliy Gavrilovich,
inzh.; KABELYANSKIY, G.V., red.; TARSHIS, D.M., red. Izd-va;
ISLENT'YEVA, P.G., tekhn. red.

[Use of gas fuel and gas fuel equipment on iron and steel
plants] Ekspluatatsiya gazovogo khoziaistva metallurgiche-
skikh zavodov. Moskva, Metallurgizdat, 1962. 312 p.

(MIRA 15:11)

(Iron and steel plants—Equipment and supplies)
(Gas as fuel)

KAMARDINKIN, N.P.; SHUVAYEV, A.S.; PALKIN, V.I.; NEIKOVA, A.S.; TARABAN'KO,
P.I.; KHOIMSKIY, R.V.; CHIPP, L.V.; DOBASHIN, G.S.; FLEROVA, L.I.;
MAKSIMOV, N.N.; RAFIYENKO, I.I.; PAL'IMOV, I.I.; UVAROV, I.M.;
DUBROVIN, P.Ye.; LIKHACHEVA, O.A.; UVAROVA, I.I.

Conference of the Teaching Staff and Students of the Moscow
Geological Prospecting Institute. Izv. vyn. ucheb. zav.; geol.
i razv. 6 no.12:143-148 D '63 (NIR 18:2)

KAMARDINKIN, N.P.; SHUVAYEV, A.S.; PALKIN, V.I.; NEMKOVA, A.S.; TARABAN'KO, P.I.; KHOLOMSKIY, R.V.; CHNIPP, L.V.; DOBASHIN, G.S.; FLEROVA, L.I.; MAKSIMOV, N.M.; RAFIYENKO, I.I.; PAL'MOV, I.I.; UVAROV, I.M.; DUBROVIN, P.Ye.; LIKHACHEVA, O.A.; UVAROVA, I.I.

Conference of the Teaching Staff and Students of the Moscow Geological Prospecting Institute. Izv. vys.ucheb.zav.; geol. i razv. 6 no.12:143-148 D '63. (MIRA 18:2)

TARABAN'KO, V.A.

SUBJECT USSR / PHYSICS
 AUTHOR KOMISSAROV, L.V., TARABAN'KO, V.A. CARD 1 / 2 PA - 1283
 TITLE The Determination of the Relative Reproduction Coefficient of Pu^{239}
 PERIODICAL in Lattices of Natural Uranium and Ordinary Water.
 Atomaja Energija, 1, fasc. 3, 56-60 (1956)
 Publ. 3 / 1956 reviewed 9 / 1956

The ratio (reproduction coefficient of uranium-water lattice / reproduction coefficient of an uranium-graphite reactor) $P_{water}/P_{graphite} = ((N_9)_{water}/(N_9)_{graphite})((N_5)_{graphite}/(N_5)_{water})$ was measured on triangular natural uranium lattices with 45, 55, 60 mm lattice width and with ordinary water as a moderator. The lattices contained uranium slugs of 100 mm length and 35 mm diameter in avial cans (made of aircraft aluminum ?) of 43x1,0 mm. Experiments were carried out in uranium-water reactors with a zone of natural uranium of about 1 m. The uranium-graphite reactor contained a square lattice with 200 mm lattice width and its natural uranium slugs had the same dimensions as in uranium-water lattices, but no aluminium cans.

Measuring method: 1.) The quantity $(N_9)_{water}/(N_9)_{graphite}$ was determined as the ratio between the β -activity of the tablets produced from the uranium pellets irradiated in uranium water- and uranium-graphite lattices respectively. In view of the relative character of measurements, the determination of the number of Pu^{239} nuclei produced in the uranium slug may be reduced to measuring the β -activity of U^{239} . 2.) On the occasion of the determination of

Atomaja Energija, 1, fasc. 3, 56-60 (1956) CARD 2 / 2

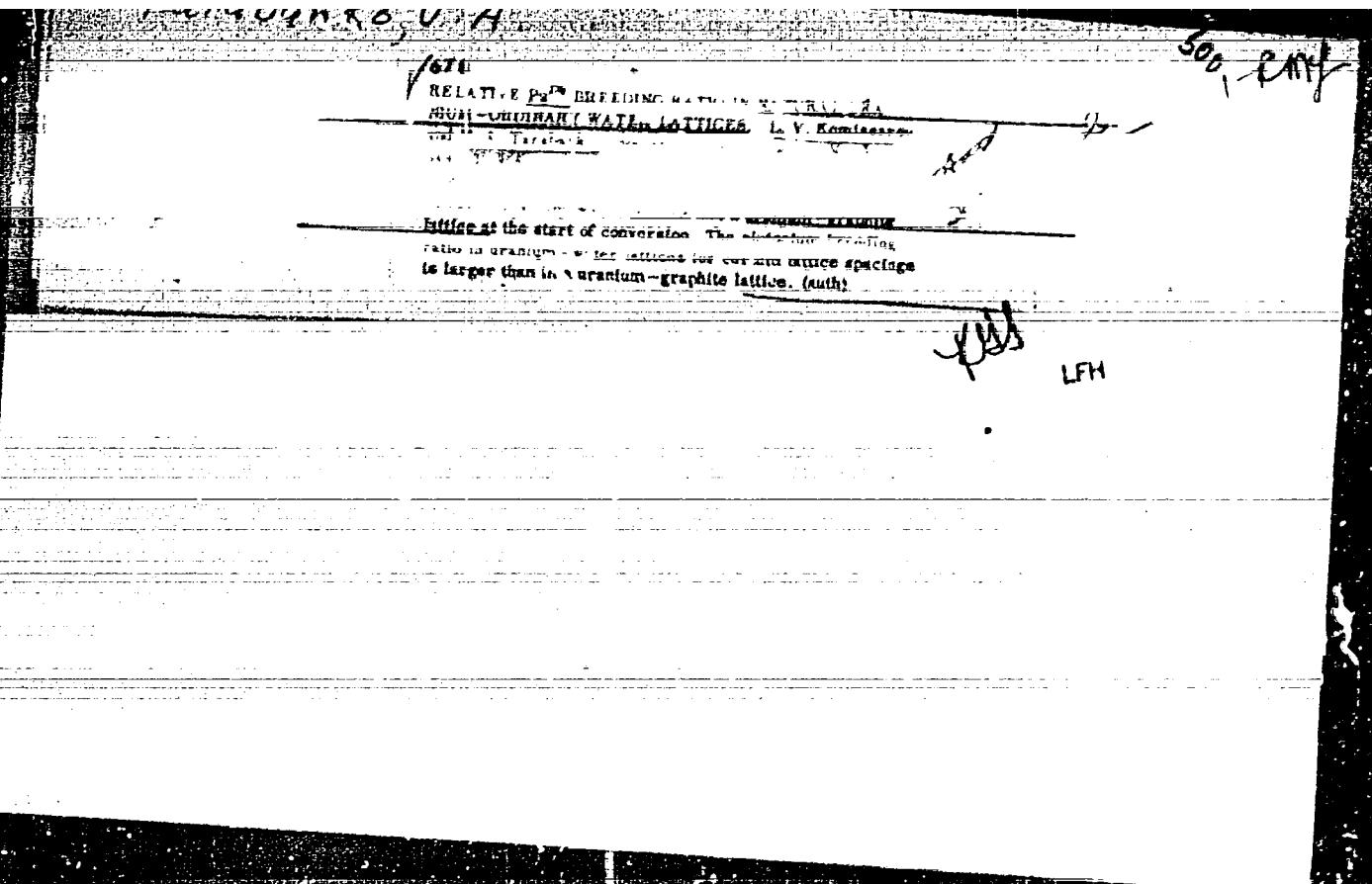
PA - 1283

$(N_5^f + N_8^f)_{\text{graphite}} / (N_5^f + N_8^f)_{\text{water}}$ it is taken into account that the burning out of U^{235} is due to the fission of the nuclei and the radiation capture of neutrons. The ratio $(N_5^f + N_8^f)_{\text{graphite}} / (N_5^f + N_8^f)_{\text{water}}$, which is necessary for the determination of the relative reproduction coefficient was determined by measuring the β -activity of the fission fragments collected on paper disks.

Here N_5^f and N_8^f denote the number of the fissioned U^{235} - and U^{238} nuclei respectively. In the formula mentioned above N_9 denotes the number of Pu^{239} nuclei created in the reactor, and N_5 is the number of burnt out U^{235} nuclei. The definite formula for the reproduction coefficient is explicitly given.

Measuring results compared with computed data: The values for $P_{\text{water}} / P_{\text{graphite}}$ computed from the measurements with average quadratic deviations for lattice widths of 4,5; 5,5 and 6,0 respectively are: $1,98 \pm 0,1$; $1,14 \pm 0,05$ and $1,07 \pm 0,05$ respectively. The corresponding values computed by means of the formula by KUNEGIN and LEVIN are for lattice widths of 4,5; 5,5 and 6,0 cm, $1,89$; $1,16$ and $1,04$; they thus agree with the aforementioned experimental values. According to these results, uranium-water reactors warrant a higher reproduction coefficient than uranium-graphite reactors.

INSTITUTION:



ZHEZHERUN, I.F.; SADIKOV, I.P.; TARABAN'KO, V.A.; CHEREVYSHOV,
A.A.

[Measuring the moderation length of fission neutrons in
sintered beryllium oxide up to an energy of 1.44 ev.
(resonance of indium)] Izmerenie dliny zamedleniya neit-
ronov delenija v spechennoi okisi berillia do energii
1,44 ev (rezonans indiia) Moskva, In-t atomnoi energii
im.I.V.Kurchatova, 1970. 22 p. (MIRA 16:12)
(Neutrons—Capture) (Beryllium oxide)

ZHEZHERUN, I.F.; SADIKOV, I.P.; TARABAN'KO, V.A.; CHERNYSHOV, A.A.

Measuring the length of fission neutron moderation in sintered
beryllium oxide at energies up to 1.44 and 0.3 ev. Atom. energ.
13 no.3:258-264 S '62. (MIRA 15:9)
(Beryllium oxide) (Neutrons)

ACCESSION NR: AP4006630

S/0089/63/015/006/0485/0489

AUTHOR: Zhezherun, I. F.; Sadikov, I. P.; Taraban'ko, V. A.; Chernyshov, A. A.

TITLE: Fission neutron multiplication in beryllium

SOURCE: Atomnaya energiya, v. 15, no. 6, 1963, 485-489

TOPIC TAGS: beryllium, neutron multiplication, multiplication factor, nuclear reactor, reactor theory, reactor physics, neutron moderator

ABSTRACT: The multiplication factor in beryllium has been measured by the method of spherical geometry. An enriched (96% U²³⁵) UH₃O₈ powder, enclosed in a thin-walled semispherical container used as the fission-neutron source (converter), was irradiated by a thermal-neutron beam from a reactor. The relative increase of the power of the fission-neutron source surrounded by a spherical layer of beryllium was measured. The neutron detectors were located 80 cm from the source and could be shifted around it in a horizontal plane. Measurements were made of the total counting rate for five beryllium and five graphite spheres. The multiplication factor (see Fig. 1 of Enclosure)

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ACCESSION NR: AP4006630

was calculated as a ratio of the average energy of neutrons passed through spherical layers of beryllium and graphite:

$$K_{Be} = \frac{N_{Be}(\bar{E})}{N_C(\bar{E})}.$$

The maximum value for the multiplication factor (1.10 ± 0.015) was obtained at 12—15-g/cm² thickness of the spherical layer of beryllium. The multiplication factor obtained corresponds to that of the beryllium of reactors in which the inelastic moderation by uranium nuclei can be disregarded (e.g., in homogeneous thermal-neutron reactors with enriched uranium). Orig. art. has 4 figures, 2 tables, and 4 formulas.

ASSOCIATION: none

Cord 2/42

L-31335-65 ENI(j)/EJP(e)/EPA(s)-2/EWT(m)/EWP(l)/EPP(n)-2/EDG(a)/EDR/I/EPF(t)/EPA(cc)-2
EWP(d) Pr-4/Pg-4/Pt-10/Pu-4 TJP(c) RIN/ID/PS/3G/AR/SH
ACCESSION NR: AP5006481 S/0294/65/001/XC1/0169/0170; /

AUTHOR: Lukin, I. V.; Tarabanov, A. S.

TITLE: First all-union scientific and technical conference on silicon carbide

SOURCE: Teplofizika vysokikh temperatur, v. 3, no. 1, 1965, 169-170

TOPIC TAGS: metallurgic, conference, silicon compound, carbide, crystal, high temperature metal, refractory

ABSTRACT: The First All-Union Scientific and Technical Conference on Silicon Carbide was held 27--30 October 1964 at the Institute of Materials Science of the Ukrainian Academy of Sciences. About 180 people participated.

various organizations attended the presentation of some 70 papers on the structure, properties, and applications of silicon carbide.

I. N. Frantsevich, V. V. Pasynkov, I. V. Ryzhikov, and others treated general problems. In the subsequent discussion, the demand for new silicon carbide-base construction materials and high-purity silicon carbide crystals was revealed. It was pointed out that the demand for silicon carbide materials considerably exceeds their production in the SSSR.

Card 1/4

11135-65
ACCESSION NR: AP5006481

I. N. Frantsevich, G. Gnesin, and others discussed high-temperature properties and applications of silicon carbide. The thermal and physical properties of the best material, which was produced by reactive sintering of 85% SiC with 15% petroleum coke, were determined. Heating elements made of the material withstood 1580—1600° C for 450—500 hr in air and resisted molten Cu, Zn, and Si.

T. Ya. Kosolapova and G. A. Yasinskaya examined the refractory and chemical properties of silicon carbide. They established that silicon carbide readily reacted with oxygen (air), water vapor, and MgO at 1700° C.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910001-3" Cr₂O₃, 1400° C with ZrO₂, 1500° C with corundum, and 1700° C with BeO. Niobium and molybdenum, ¹cm NbSi, and MoSi, at 1300° C. Bismuth and sodium react with SiC at 1000° C and 900° C, respectively. Silicon carbide is not wetted by molten Zn, Pb, or Cd. Refractory SiC-Si-Si₃N₄ material was used for making thermocouple wells for 100 hr service at 1000° C max.

Card 2/4

L-31335-65

ACCESSION NR: AP5006481

P. S. Kislyy introduced a thermoelectrode of SiC-base material, which, coupled with graphite, could be used for measuring temperatures up to 1500—1600°C in neutral or oxidizing media. Its service life was 100 hr at 1350°C.

The physicochemical properties of SiC and the production technology of refractories with a silicon carbide base were discussed by the delegates of the All-Union Scientific Research Institute of Refractories (Leningrad). Corrosion resistance of a 95% SiC material was determined in vacuum, nitrogen, and argon at 1600—2000°C.

A group of papers was devoted to silicon carbide single crystals and crystallization of silicon carbide. Chemical, spectroscopic, and radio-activation methods for analyzing SiC crystals were outlined.

Investigations of the Si-C-B system and SiC-B, C high-temperature materials were the topics of another group of papers.

Card 3/4

L 31335-65

ACCESSION NR: AP5006481

Experimental data on the stability of materials with silicon carbide base in pilot-plant service and problems of production were presented in several papers.

The proceedings of the Conference are to be published in 1965.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: IC, MT

NO REF Sov: 000

OTHER: 000

ATT'D PRESS: 3198-F

Card 4/4

TARABANOV, V.M.

Increasing the accuracy of microtriangulation strips in case of
narrow strips. Sbor. st. po geod. no.11:73-76 '60.

(MIRA 13:8)

(Triangulation)

TARABANOV, V.M.; SHUVALOV, V.A.

Accuracy of measuring parallactic angles. Geod. i kart. no. 6:18-19
Je '63. (MIFI 16:9)
(Traverses (Surveying))

TARABAR, Kemal, magistar ekonomskih nauka

Application of linear programming in ferrous metallurgy.
Automatika 4 no. 5/6 311-314 '63.

1. Zeljezara Zenica.

TARABAR, V.I., inzh.-podpolkovnik; POPKOV, A.N., inzh.-podpolkovnik;
KOSCHOTOV, B.V., inzh.-polkovnik, red.; KONOVALOVA, Ye.K.,
tekhn.red.

[Maintenance of ZIL-150, ZIL-164, ZIL-151 and ZIL-157 motor-trucks; handbook] Tekhnicheskoe obeslushhivanie avtomobilei
ZIL-150, ZIL-164, ZIL-151 i ZIL-157; rukovodstvo. Moskva,
Voen.izd-vo M-va obor.SSSR, 1960. 119 p. (MIRA 14:2)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony.
(Motortrucks--Maintenance and repair)

TARABARA, V.I., inzh.-podpolkovnik; POPKOV, A.N., inzh.-podpolkovnik;
GORYACHEV, V.T., red.; CHAPAYEVA, R.I., tekhn. red.

[Maintenance of the ZIL-150, ZIL-164, ZIL-151 and ZIL-157
motortrucks]Tekhnicheskoe obsluzhivanie avtomobilei ZIL-150,
ZIL-164, ZIL-151 i ZIL-157; rukovodstvo. Moskva, Voen.izd-
vo M-va obor.SSSR, 1962. 125 p. (MIRA 16:2)

1. Russia (1923- U.S.S.R.)Ministerstvo oborovny.
(Motortrucks—Maintenance and repair)

TIKHOMIROV, Ye.N., zasl.deyat.nauki i tekhniki RSFSR, professor, redaktor;
PONOMAREV, S.D., doktor tekhnicheskikh nauk, professor, redaktor;
SOKOLOV, S.N.; doktor, tekhnicheskikh nauk, professor, redaktor;
TARABASHEV, N.D., doktor tekhnicheskikh nauk, professor, redaktor;
MAKUSHIN, V.N., kandidat tekhnicheskikh nauk, redaktor; POPOVA,
S.M., tekhnicheskiy redaktor.

[Computing strength, hardness, stability and vibration; collected
articles] Rashchety na prochnost' zhestkost', ustoichivost' i kole-
baniia; sbornik statei. Moskva, Gos. nauchno-tekhn.izd-vo mashino-
stroitel'noi lit-ry, 1955. 290 p. (MLRA 8:9)

1. Moscow, Stankoinstrumental'myy institut.
(Strength of materials)

PA 16T71

TARABASOV, N. D.

Feb 1947

USSR/Stresses
Engineers, Aeronautical

"Stresses in Plane Elastic Flush-Fitted Homogeneous Bodies," N. D. Tarabasov, Moscow Aviation Technology Institute, 12 pp

"Inzhenernyy Sbornik" Vol III, No 2

Calculation of stresses in an eccentric ring with a washer of the same material and same thickness, calculation of the same problem for two washers placed in a circular disc, and calculation of stresses in an eccentric ring with a hollow washer consisting of a number of concentric rings.

16T71

TARABASOV, N. D.

Tarabasov, N. D. The determination of the stresses in a plate with several circular disks inserted in it. Doklady Akad. Nauk SSSR (N.S.) 63, 15-18 (1948). (Russian) A thin isotropic elastic plate occupies a finite multiply-connected region S_0 bounded by an exterior circular contour γ_0 of radius r_0 and m symmetrically placed nonoverlapping interior circular holes γ_i of radii r_i . Circular disks of the same material as the plate are forced into the holes γ_i , the initial radii ρ_i of the disks being somewhat larger than r_i . What is the state of stress in a solid circular plate formed in this way if the external forces are known along γ_0 and on the remaining contours γ_i ($i = 1, \dots, m$) the discontinuities of the displacement vector are given? The jump in the displacement vector on each contour γ_i is equal to the difference $\rho_i - r_i$. This problem is solved by determining an appropriate set of analytic functions of a complex variable arising in the formulation of plane elastic problems by N. I. Muskhelishvili. I. S. Sokolnikoff (Los Angeles, Calif.).

Vol 10 No.6

Source: Mathematical Reviews.

TARABASOV, N. D.

29683

Opryedyelyeniye napryazhyenyi v ekstsyentrikye pri napryazh-
yennoy posadkye yego na val. Inzh Sturnik
(Akad. Nauk SSSR, In-t myekhaniki) t. v. v / p. 2,

1949, s. 29-33.

10. Khimicheskaya Promyshlyennost'

D. Silikatno-kyeramicheskaya Promyshlyennost'

Styekol'naya Promyshlyennost'

SO:LETOPIS' NO. 40

TARABASOV, N. D.

USER/Physics - Joints

1 Aug 49

"Calculating the Strength of Pressed Joints," N. D. Tarabasov, 4 pp

"Dok Ak Nauk SSSR" Vol LXVII, No 4

Considers a thin, circular plate placed in the z-plane and consisting of several circular concentric rings and a central disc all pressed together under tension. Derives formulas for components of the stress vector at any point of the plate and for calculating the strength under the condition that, besides mutually balancing arbitrary loads on the initial periphery, there is a tangential

3/50EPH

USER/Physics - Joints (Contd)

1 Aug 49

stress, balanced by the moment, applied to the central disc, and that abrupt changes of the displacement vectors on the remaining peripheries are known. Submitted by Acad I. S. Leybenzon 20 May 49.

3/50EPH

TARABASOV, N. D.

21 Feb 50

USSR/Physics - Elasticity
Strength

"Calculations of the Strength of Annular Sectional
Units," N. D. Tarabasov

"Dok Ak Nauk SSSR" Vol LXX, No 6, pp 977-980

Considers problem of thin annular plate lying in com-
plex z-plane. Plate is composed of several circular
concentric rings united by means of stressed fitting.
Obtains formulas for determination of stresses at
any point in plate. Submitted 10 Dec 49 by Acad L. S.
Leybenzon.

165769

TARABASOV, N. D.

Tarabasov, N. D. Strength calculations for annular force-fitted plates. Doklady Akad. Nauk SSSR (N.S.) 70, 977-980 (1950). (Russian)

A thin circular plate is made by force-fitting several annular sections possessing identical elastic properties. The elastic deformation due to force-fitting is taken into account. Muskhelishvili's formulation of the plane stress problem is then used to compute the stresses in the annular sections.

H. J. Aronoff (Santa Monica, Calif.)

2
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0

TARABASOV, N. D.

Dynamics, Rigid

Strength calculation of heterogeneous components of disks and pipes, with allowance for inertia forces. Inzh. sbor., 10, 1951.

Gives method for calculating strength of solid composite disk, long composite cylinder, and also composite solid and annular disks and tubes beyond limits of elasticity.

257T60

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.
2

TARABASOV, N. D.

Dynamics, Rigid

Strength calculation of heterogeneous components od disks and pipes, with allowance
for inertia forces. Inzh. stor., 19, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1952
~~X093~~, Uncl.

ANR
Izotov, Svetozar - Delle Membrane

4112. Tarabosov, N. D. State of stress of an elliptic plate with several pinned-in round disks on it. Izdatelstvo Gostekhnauki SSSR (U.S.S.R.) 77, 1, 33-36, Mar. 1951.

Conditions at ellipse and initial displacements of disks are assumed to be given arbitrarily. Author applies method developed by D. I. Sherman (title source, No. 3, 1941), reducing the plane problem to finding two functions of complex variable, each being regular in its respective region.

General solution, obtained in form of series, is illustrated by numerical example of two equal and symmetrically situated disks. The corresponding stress distribution along the axes is represented graphically. J. M. Kitchell, August 1959.

TARAPASOV, N. D.

Dissertation: "Methods of Determining the Stresses Developed in Construction Members and Units As a Result of Press Joining." (Short Summary given.) Dr Tech Sci, Inst of Mechanics, Acad Sci USSR, Oct-Dec 1953. (Vestnik Akademii Nauk, Moscow, No 4, Apr 54.)

SO: SUM 243, 19 Oct 1954

10

TARABASOV, N. D.

B. T. M.
V. 3 No. 3
Mar. 1954
Metals- Mechanical
and Physical
Properties

3814. Calculation of Strength of Joined Concrete Pipes
and Conduits. Determination of Stresses in Joined Pipes
Caused by Press Fitting and Stresses in a Semiplane With
a Circular Hole. (Russian.) N. D. Tarabasov. Izdatelstvo Akademii Nauk SSSR, Otdelenie Tekhnicheskikh Nauk, 1953, no. 1,
May, p. 949-960.
Formulas are presented for component stresses. Diagrams,
tables. 6 ref.

N. D. TARABASOV

✓
G. N.
10/11

On the Concentration of Stresses,
in Sheet Elements of Metallic
Constructions

Izv. Akad. Nauk, Otd,
Tekh. Nauk
(12), 1700-1735
1953
U.S.S.R.

N.D. Tarabasov

General conditions and equations are offered of certain problems of "tunking" fit for a finite/composite multi-compendent space or for a multi-compendent composite semi-plane. The basic equations obtained can be extended to an infinite multi-compendent composite area. The equations obtained also provide an extension of the existing group of the problems of "tunking" fit that can be solved. Effective methods are outlined for solving the problem of a fit in the case of pressing on of discs of non-circular form. Solution is given of the problem of a composite square plate, and of the analogous case of a circular plate. Comparison of the two solutions shows that in certain cases one contour could be substituted by another, a simpler one, since the error is of the magnitude of 6 to 12%. An approximate solution is also given of the question of the distribution of stress between individual nuts. (Bibl. 5)

Index Aeronauticus
June 1954
Workshop Processes

SOV/124 58 4 4661

Translation from: Referativnyy zhurnal. Mekhanika, 1958, Nr 4, p 142 (USSR)

AUTHOR: Tarabasov, N. D.

TITLE: Stresses and Displacements in Flitch Beams (Napryazheniya i peremeshcheniya v mnogostoyynykh balkakh)

PERIODICAL: Nauchn. tr. Mosk. poligr. inst., 1956, Nr 4, pp 64-71

ABSTRACT: The article examines beams having moduli of elasticity that vary abruptly over the beam height. The usual methods of strength of materials are employed for the derivation of the formulas.

D. V. Peshmaldzhyan

1. Beams--Stresses 2. Mathematics

Card 1/1

SOV/124-58-10-11399

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 10, p 101 (USSR)

AUTHOR: Tarabasov, N.D.

TITLE: Stressed-State in an Elliptical Composite Plate (Napryazhennovye sostoyaniye sostavnoy plastiny ellipticheskoy formy)

PERIODICAL: Nauchn. tr. Mosk. poligr. in-t, 1957, Nr 5-6, pp 89-107

ABSTRACT: Examination is made of the plane elastic problem of an elliptical plate with one or several round holes into which disks of the same thickness and material are press-fitted. This problem, as shown by D.I. Sherman (Dokl. AN SSSR, 1940, 27, Nr 9), resolves itself to the ordinary elastic problem for a plate without holes. The first and fundamental problem for an elliptical region is solved in series with the use of a conformal transformation of the elliptical periphery to the periphery of a circle. Numerical examples are presented.
V.I. Mossakovskiy

Card 1/1

TARABASOV, N.D.

1A(10)

PHASE I BOOK EXPLOITATION

BOV/1377

Banchety na prochnost': teoretičeskiye i eksperimental'nyye issledovaniya prochnosti mashinostroitel'nym konstruktsiyam. Sbornik statey, vyp. 3. (Calculations for Strength; Theoretical and Experimental Research on the Strength of Elements Used in Machine Construction. Collection of Articles, Vol. 3) Moscow, Naukgliz, 1959. 355 p. 6,000 copies printed.

Ed.: Tarabasov, N.D., Doctor of Technical Sciences; Editorial Board: Tikhonirov, Yu.N., Honored Worker of the USSR in Science and Technology, Professor (Chairman); Sermanov, S.V., Active Member, Ukrainian SSR Academy of Sciences, Doctor of Technical Sciences, Professor; Glazakov, G.S., Doctor of Technical Sciences, Professor; Ponomarev, S.D., Doctor of Technical Sciences, Professor; Sobolov, S.N., Doctor of Technical Sciences, Professor; Turashov, D.B., Doctor of Technical Sciences, Professor; and Matushkin, V.M., Candidate of Technical Sciences, Docent (Secretary); Tech. Ed.: Tikhonov, A.Ya.; Managing Ed. for Literature on General Technical and Transport Machine Building (Mechanics): Ponomareva, K.A., Engineer.

PURPOSE: This collection of articles is intended for engineers and designers working in the field of machine construction, for research fellow, and scientific workers.

COVERAGE: The collection is an inter-vus publication of transactions concerning strength problems. It contains original reports on calculations for a number of structures used in machine building and their components. Considerations are given to calculations of the columns of hydraulic presses, the nonlinear theory of spiral springs, problems in the calculation of rubber components, theoretical and experimental investigations of circular plates of constant and variable stiffness, investigations of cylindrical shells and of stressed assemblies of machine components. Calculations in the elasto-plastic domain are represented by an investigation of forced fit of discs and the sweep of operating turbine blades. Problems of centering "in the sense of import and the stability theory of elastic systems "in general terms" are considered. There are 116 references, 99 of which are Soviet, 9 English, 4 German, 1 French, 1 Polish.

Tarabasov, N.D., Doctor of Technical Sciences, Professor. Stressed Assemblies of Machine Components and Their Calculation

194

Formation of a Cylindrical Shell With a Small Slope Angle, Loaded With a Uniform Hydrostatic Pressure

151

Assemblies of Machine Components and Their Calculation

TARABASOV, N.D.

14(10)

PHASE I BOOK EXPLOITATION

SOV/1376

Raschety na prochnost'; teoreticheskiye i eksperimental'nyye issledovaniya prochnosti mashinostroitel'nykh konstruktsiy. Sbornik statey, vyp. 2. (Calculations for Strength; Theoretical and Experimental Research on the Strength of Elements Used in Machine Construction. Collection of Articles, Vol. 2) Moscow, Mashgiz, 1958. 360 p. 4,000 copies printed.

Editorial Board: Tikhomirov, Ye.N., Honored Worker of the RSFSR in Science and Technology, Professor; Serensen, S.V., Active Member, Ukrainian SSR Academy of Sciences, Doctor of Technical Sciences, Professor; Glushkov, Doctor of Technical Sciences, Professor; Ponomarev, S.D., Doctor of Technical Sciences, Professor; Tarabasov, N.D., Doctor of Technical Sciences, Professor; Makushin, V.M., Candidate of Technical Sciences, Docent; Tech. Ed.: Tikhonov, A.Ya.; Managing Ed. for Literature on General Technical and Transport Machine Building (Mashgiz): Ponomareva, K.A., Engineer.

PURPOSE: This collection is intended for engineers working in the machine construction industry, and also for engineering and technical workers in planning organizations and scientific-research institutes.

Card 1/6

Calculations for Strength (Cont.)

SOV/1376

COVERAGE: The collection is an inter-vuz publication of transcriptions on strength problems. It presents reports on problems of engineering calculations of construction elements for strength and stiffness in the elastic and elastoplastic domains, and articles on stability of a stressed state, and under dynamic loads. There are 105 references, 86 of which are Soviet, 11 English, 7 German, and 1 French.

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Card 2/6

Calculations for Strength (Cont.)

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Card 3/6

Calculations for Strength (Cont.)

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Card 4/6

Calculations for Strength (Cont.)

SOV/1376

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Card 5/6

Calculations for Strength (Cont.)

SOV/1376

Savel'yev, L.I., Candidate of Technical Sciences. Complete Diagram of
Fatigue Strength and the Effect of Tangential Stress in Strength
Calculations

347

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Card 6/6

TARABASOV, N. D., Doctor of Technical Sciences, Professor.

"Determination of Stresses Arising in Some Components From Forced Fits"

Calculations for Strength; Theoretical and Experimental Research on the
Strength of Elements Used in Machine Construction. Collection of Articles,
Vol. 2, Moscow, Mashgiz, 1958, 360pp.

TARABASOV, N.D., doktor tekhn.nauk, prof.

Designing laminated beams for bending. Rasch.na prochn. no.2:
55-65 '58. (MIRA 12:2)
(Girders)

TARANASOV, N.D., doktor tekhn.nauk, prof.

Determining stresses in certain parts caused by tight fit.
Rasch.na prochn. no.2:142-181 '58. (MIRA 12:2)
(Elastic plates and shells)

TARABASOV, N.D., prof., doktor tekhn.nauk

Strained joints of machine parts and their design. Rasch. na prochn.
(MIRA 12:2)
no.3:194-219 '58.
(Couplings)

TARABASOV, N.D., doktor tekhn.nauk, prof.

Application of the theory of multilayer beams to the study of the
stressed state in rocks. Nauch. trudy MPI no.7/8:71-91 '58.
(MIRA 14:12)

(Rocks) (Elastic solids)

TARABASOV, A. A.

16(1)10(2)	PLATE I BOOK REPORTS	SOV/509
Akademiko sain SSSR. Institut matematicheskoye issledovaniy. No. 25 (Engineering Symposium, Vol. 25) Moscow, 1956.		
Nauchno-tekhnicheskaya literatura, 1956. 216 p. Errata 1956 printed.		
Ed. A.A. Il'yashko. Ed. of Publishing House: D.M. Loftez. Tech. Ed.: Ye. V. Matveev.		
Purpose: This book is intended for applied mathematicians, physicists and engineers.		
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The book is a collection of articles published by the Department of Engineering Sciences of the Institute of Mathematics (Institute of Mathematics of the Academy of Sciences of USSR). The articles discuss various aspects of the mechanics of materials and of fluid mechanics, such as stresses and boundary conditions, plates and shells, plates and walls, supersonic gas flow, vibration, etc. Some problems are treated as highly theoretical, i.e., mathematical, problems. References are given at the end of each article.	57	51
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TARABASOV, N.D. (Moskva)

Stressed state of a multiply-connected half-plane caused by
pressed-in disks. Inzh. sbor. 25:136-144 '59.

(MIRA 13:2)

(Elastic plates and shells)

ACHERKAN, N.S., prof., doktor tekhn.nauk, zasluzhennyy deyatel' nauki i
tekhniki; MORODOVIN, B.M., prof., doktor tekhn.nauk; GLUSHIKOV, G.S.,
prof., doktor tekhn.nauk; TARABASOV, N.D., prof., doktor tekhn.nauk

A fundamental monograph ("Strength analysis in the manufacture of
machinery" by S.D.Ponomarev and others). Vest.mash. 10 no.5:75-
80 My '60. (MIRA 14:4)
(Machinery—Design and construction) (Ponomarev, S.D.)

TARABASOV, Nikolay Danilovich, doktor tekhn. nauk, prof.; CHERNYSHEV, N.A.,
kand. tekhn. nauk, retsenzent; ARBUZOV, V.N., kand. tekhn. nauk, red.;
SAVEL'YEV, Ye.Ya., red. izd-va; EL'KIND, V.D., tekhn. red.

[Calculating wringing fits in the manufacture of machinery] Raschety
napriazhennykh posadok v mashinostroenii. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1961. 266 p. (MIRA 14:6)
(Strains and stresses) (Machinery--Design and construction)

RYZHOV, Eduard Vyacheslavovich, kand. tekhn. nauk; TARABASOV, N.D., doktor tekhn. nauk, prof., retsenzent; BYSTRITSKAYA, V.V., inzh., red.; EL'KIND, V.D., tekhn. red.

[Fundamentals of the design of machine-part joint surfaces for contact rigidity] Osnovy rascheta stykovykh poverkhnostei detalei mashin na kontaktnuiu zhestkost'. Moskva, Mashgiz, 1962. 141 p. (MIRA 15:11)
(Machinery--Design)

S/879/62/000/000/031/088
D234/D308

AUTHOR: Tarabasov, N. D. (Moscow)

TITLE: Stressed state of thin plates due to external forces and stressed fits

SOURCE: Teoriya plastin i obolochek; trudy II Vsesoyuznoy konferentsii, L'vov, 15-21 sentyabrya 1961 g. Kiev, Izd-vo AN USSR, 1962, 209-212

TEXT: The author considers a multiply-connected domain in the complex plane, with discs inserted in some of the holes and forces and moments applied at certain points. The author represents the unknown stress functions as series and simplifies the problem by introducing auxiliary functions.

Card 1/1

FOMICHEV, N.V.; TARABASOV, N.D., doktor tekhn. nauk prof., red.

[Collection of problems on the course "The strength of materials"] Sbornik zadach po kursu "Soprotivlenie materialov. Moskva, Vses. zaochnyi energ. in-t. Pt. 3. 1963.
160 p. (MIRA 19:1)

KVYAZEV, V.G.; TAPABAEV, L.M.

Two-spindle milling-machine attachment. Mashinostroitel'
no.12.118 D '65. (MIRA 10.12)

Tarabayev, S. I.

137-58-5-9317

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 75 (USSR)

AUTHORS: Tarabayev, S. I., Budon, V. D., Matveyeva, K. T.,
Milyutina, N. A.

TITLE: Direct Leaching of Lead From Sulfide Concentrates (Neposred-
stvennoye vyshchelachivaniye svintsa iz sul'fidnykh kontsentra-
tov)

PERIODICAL: Izv. AN KazSSR. Ser. gorn. dela, metallurgi, str-va i
stroymaterialov, 1957, Nr 4 (15), pp 59-65

ABSTRACT: The process of direct and selective leaching of lead from
sulfidic polymetallic concentrates by means of acidic chloride
solutions was studied under laboratory conditions as well as on
a larger laboratory scale. Optimal leaching conditions for ex-
traction of up to 97-98% of Pb are shown. Along with Pb, Cd
(96% of it) and Ag also pass into the solution. Cu, Au, and Bi
remain entirely in the cakes. The behavior of Zn depends on
the nature of the initial raw material and on the conditions of
leaching.

G.S.

Card 1/1

1. Lead--Production
2. Lead ores--Processing
3. Chloride solutions--Applications

SOV/137-58-a-18793

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 91 (USSR)

AUTHORS: Tarabayev, S.I., Milyutina, N.A., Budon, V.D., Dostanova,
Z.Kh.

TITLE: Precipitation of Lead From Chloride Solutions. Communica-
tion II. (Osazhdeniye svintsa iz khloridnykh rastvorov.
Soobshcheniye II)

PERIODICAL: Izv. AN KazSSR. Ser. gorn. dela, metallurgii, s.r.-va i
stroymaterialov, 1957, Nr 5 (16), pp 30-36

ABSTRACT: An examination is made of methods of precipitating Pb from chloride solutions. Experiments were run on the crystallization of $PbCl_2$ by chloride solutions during the cooling of solutions resulting from the leaching of Dzhezkazgan concentrates. The resultant $PbCl_2$ was smelted with mineral coal and $CaCO_3$ at $800-900^{\circ}C$ to free the metal. Extraction of Pb in ingot form came to 93.52%. It is established that the method of crystallizing $PbCl_2$ with subsequent smelting of the metal from the $PbCl_2$ in the presence of C and $CaCO_3$ makes it possible to obtain metal of adequate purity without prior cleaning of the solutions. The tendency of the solutions to become "exhausted" after Pb

Card 1/2

SOV/137-28-9-18793

Precipitation of Lead From Chloride Solutions. Communication II.

precipitation when they are used as return solvents is verified. For Communication I, see RZhMet, 1958, Nr 5, 9317.

N.P.

1. Lead chlorides--Processing 2. Lead--Separation

Card 2/2

TARABAYEV, S.I.; DEMCHENKO, R.S.; SHCHUROV, K.A.

Equilibrium in sulfide - chloride systems. Izv.AN Kazakh.SSR.
Ser.met., obog.i ogneup. no.2:13-25 '58. (MIRA 16:2)
(Systems (Chemistry)) (Hydrometallurgy)

TARABAYEV, S.I.; MILYUTINA, N.A.

Settling, Filtration, and washing of sinter cake following
the leaching of concentrates in chloride solutions. Izv.AN
Kazakh.SSR.Ser.met., obog.i ogneup. no.2:26-31 '58.

(MIRA 16:2)

(Hydrometallurgy)

MILYUTINA, N.A.; TARABAYEV, S.I.

Hydrolysis of heavy nonferrous metal chlorides. Izv. AN Kazakh.
SSR.Ser.met., obog. i ogneup. no.2:56-64 '58. (MIRA 16:2)
(Nonferrous metals--Metallurgy) (Hydrolysis)

MILYUTINA, N.A.; ISAKOVA, R.A.; TARABAYEV, S.I.

Method of determining the water of crystallization in crystal
hydrates by the use of radioactive isotopes. Vest. AN Kazakh.
SER 14 no.3:84-89 Nr '58. (MIRA 1185)
(Crystallization, Water of) (Radioactive tracers)
(Hydrates--Analysis)

TARABAYEV, S.I.; SHCHUROV, K.A.; MEDVEDKOV, B. Ye.

Rate of dissolution of lead and zinc sulfides in hydrochloric
acid solutions. Trudy Inst. met. i obogashch. AN Kazakh.
(MIRA 14:6)
SSR 3:134-147 '60.
(Sulfides—Metallurgy)
(Hydrometallurgy)

TARABAYEV, Said Imambekovich; PONOMAREV, V.D., doktor tekhn. nauk,
prof., otv. red.; ZHUKOVA, N.D., red.; AL'FEROVA, P.F.,
tekhn. red.

[Hydrochloric acid method in the metallurgy of lead and zinc]
Solianokislotnyi metod v metallurgii svintsa i tsinka. Alma-
Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 194 p.
(MIRA 15:10)

1. Chlen-korrespondent Akademii nauk Kazakhskoy SSR (for
Ponomarev).
(Lead--Metallurgy) (Zinc--Metallurgy)
(Hydrometallurgy)

TARABAYEV, Said Imambekovich; PONOMAREV, V.D., prof., doktor
tekhn. nauk, otv. red.; ZHUKOVA, N.D., red.; ALFEROVA,
P.F., tekhn. red.

[Hydrochloric acid methods in the metallurgy of lead and
zinc] Solianokislotnyi metod v metallurgii svintsa i tsinka.
Alma-Ata, Izd-vo AN KazSSR, 1962. 194 p. (MIRA 15:7)

1. Chlen-korrespondent Akademii nauk Kazakhskoy SSR (for
Ponomarev).
(Lead--Metallurgy) (Zinc--Metallurgy)

TARABAYEV, S.I.

Mechanism of the decomposition of sulfides by hydrochloric acid. Trudy Inst. met. i obog. AN Kazakh. SSR 14:3-8 '65.
(MIRA 18:10)

TARABAYEV, S.I., kand.tekhn.nauk

Kinetics of heterogeneous processes. Vest. AM Kazakh. SSR 21
(MIRA 18:12)
no.11:40-45 1965.

TARABAYEV, Yu.M.

The 1168 automatic line. Biul.tekh.-ekron.inform. no.9:15-17 '60.
(MIRA 13:10)

(Machinery, Automatic)

TARABAYEVA, B.I.

Weed infestation of hayfields in the floodplain of the Irtysh
River. Trudy Inst. bot. AN Kazakh. SSR 18:78-86 '64
(MIRA 18:2)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754910001-3

TARABAYIVA, G.L.

Lead poisonings and their treatment. Iss. Al Kasakh, SSS, Ser. prouqig. 1
profzab. no. 1:17-40 '49.
(Lead poisoning)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754910001-3"

TARABAYEVA, G.I.

Novocaine block in lead colic. Trudy Inst.kraev.pet. AN Kazakh.SSR
4:87-93 '56. (MLRA 10:3)
(NOVOCAIN) (LEAD POISONING)

USSR / Pharmacology and Toxicology. Chemothorapeutic Agents. V-10

Abs Jour : Ref. Zhur - Biologiya, No 17, 1958, No. 80703

Author : Tarabayova, G. I.

Inst : Institute of Microbiology and Virology, AS, Kazakh, SSR

Title : Bactericidal and Bacteriostatic Effect of Santonica Wormwood
on a Tuberculosis Rod Bacillus

Orig Pub : Tr. In-ta mikrobiol. i virusol. AN KazSSR, 1958, 2, 217-226

Abstract : Santonica wormwood (I; Artemisia cina) has long been used by the population of Southern Kazakhstan Oblast as a medicinal agent during tuberculosis of the lungs (local name, "dormene"). The selective effect on the tuberculosis bacillus of preparations of I is established by the author; aqueous extract in uncultivated form acts bacteriocidal in cultivation of 1:10 - bacteriostatically. Ether oil (cineole) in the cultivation possesses a bacteriostatic effect in relation to BCG of 1:50-1:200. A santonin solution (1:5000) has no antimicrobial effects.

Card 1/1

41

TARABAYEVA, G.I.

Distribution of radioactive lead in the sexual organs of animals.
Izv. AN Kazakh. SSR. Ser. med. i fiziol. no.2:95-101 '59 (MIRA 13:3)
(LEAD IN THE BODY) (GENERATIVE ORGANS)

TARABAYEVA, G.I.

Effect of lead on male and female sexual function. Trudy Inst. kraev.
pat. AN Kazakh. SSR 8:101-117 '60. (MIRA 14:5)
(LEAD POISONING) (GENERATIVE ORGANS--DISEASES)

TARABAYEVA, Gul'bagram Tmambekovna, doktor med. nauk; ROZHKOV, N.G., red.;
NAGIBIN, P.A., tekhn. red.

[Dermine, a drug in popular medicine] Dermine sredstvo narodnoi me-
ditsiny. Alma-Ata, Kazakhskoe gos. izd-vo. 1961. 65 p.

(MIRA 14:7)

1. Zaveduyushchaya laboratoriyye Instituta krayevoy patologii Akade-
mii nauk Kazakhskoy SSR (for Tarabayeva)
(WORMWOOD)

TARABAYEVA, G.I.

Morphological changes of the thyroid gland and the adrenal glands
in lead poisoning. Trudy Inst. kraev.pat. AN Kazakh. SSR 9:88-97
'61. (MIRA 16:7)

(LEAD POISONING) (ADRENAL GLANDS) (THYROID GLAND)

TARABAYEVA, G.I.

Morphological picture of oviducts in chronic lead poisoning.
Trudy Inst. kraev. pat AN Kazakh. SSR 9:98-103'61. (MIRA 16:7)
(FALLOPIAN TUBES) (LEAD POISONING)

TARABAYEVA, G. I.

Morphological changes in the sexual glands in experimental
silicosis; preliminary report. Trudy Inst.krasv.pat. AN Kazakh.
SSR 10:30-43 '62. (MIRA 1633)
(LUNGS--DUST DISEASES) (GENERATIVE ORGANS--DISEASES)

TARABAYEVA, Gul'bagram Imambekovna

[Effect of lead on the organism and therapeutic and prophylactic measures] Deistvie svintsa na organizm i lechebno-profilakticheskie meropriatiia. Alma-Ata, Izd-vo AN Kazakh.SSR, 1961. 285 p. (MIRA 18:10)

RAKOS, M.; TARABCADOVA, E.

Effect of crystallizing and free water on the magnetic susceptibility
of weakly magnetic materials. Cs cas fys 12 no.1:23-24 '62.

1. Katedra fyziky Vysokej skoly tecnickej, Kosice.

TARABCÁK, M.

Incidence of conditionally pathogenous Enterobacteriaceae in
the region of Košice. Česk. epidem. mikrob. imun. 6 no.2:113-
118 Mar 57.

1. Krajská hyg. -epid. stanica v Košiciach, riaditeľ Dr.
I. Kratochvíl.

(BACTERIA

Enterobacteriaceae, conditionally pathogenous,
incidence in Czech. region (Cz))

TARABCAK, M.; KRATOCHVIL, I.; GASPAROVA, K.

Importance of atypical Corynebacteria in etiology of upper respiratory infection. Cesk. pediat. 12 no.3:241-246 Mar 57.

1. KHRS Kosice, riaditel MUDr. I. Kratochvil Detcka klinika LFUK Kosice, prednosta doc. MUDr. F. Demant.

(RESPIRATORY TRACT, infect.

upper tract, etiol. role of atypical Corynebacteria (Cs))
(CORYNEBACTERIUM, infect.

upper resp. tract, role of atypical Corynebacteria (Cs))

EXCERPTA MEDICA Sec 4 Vol 13/6 Med. Micro. June 60
2009. LABORATORY DIAGNOSTICS OF E. ALCALESCENS - Laboratôrna diagnostika E. alcalescens - Tárábék M., Kratochvíl I. and Bauer V. Krajská Hyg.-Epidemiol. Stan., Košice - ČSL. EPIDÉM. 1959, 8/3 (173-177) Tables 4
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(VIRUSES)